

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	235	(MULTI-LEVEL MULTILEVEL (MULTI ADJ LEVEL)) WITH QPSK	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 11:46
S2	189	AMPLITUDE AND S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 11:47
S3	129	AMPLITUDE SAME S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 11:47
S4	133	(MULTI-LEVEL MULTILEVEL (MULTI ADJ LEVEL)) NEAR6 QPSK	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 11:47
S5	103	S4 AND AMPLITUDE	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 11:47
S6	5	S4.CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 11:48
S7	11	(AMPLITUDE ADJ LEVEL) NEAR4 QPSK	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 11:52
S8	16	(AMPLITUDE ADJ LEVEL) NEAR8 QPSK	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 12:34
S9	5	S8 NOT S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 12:34
S10	2	"6301306".PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 12:47
S11	75	(MULTI-LEVEL MULTILEVEL (MULTI ADJ LEVEL)) WITH SUBCARRIER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 13:09
S12	50	(AMPLITUDE ADJ LEVEL) NEAR8 SUBCARRIER	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 14:04

S13	177	(MULTI-LEVEL MULTI LEVEL (MULTI ADJ LEVEL) (multi- amplitude )) same (subcarrier (sub adj carrier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 14:32
S14	102	S13 not (S11 S12)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 14:33
S15	60050	boc (binary adj offset adj carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 18:18
S16	4	S13 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 18:19
S17	122	(MULTI-LEVEL MULTI LEVEL (MULTI ADJ LEVEL) (multi- amplitude )) and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 18:20
S18	10	m-level same subcarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 19:10
S19	8	(plural adj3 level) same subcarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 19:16
S20	1	(plural adj3 amplitude) same subcarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 19:17
S21	33	(plural\$6 adj3 amplitude) same subcarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 19:17
S22	29	(plural\$6 adj3 level) same subcarrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 19:44
S23	11741	(subcarrier sub-carrier (sub adj carrier)) near3 modulat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 20:10
S24	89	(MULTI-LEVEL MULTI LEVEL (MULTI ADJ LEVEL)) same S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 20:11
S25	37	S24 not (S22 S21 S19 S18 S14 S8)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 20:12
S26	522	375/286.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 21:14
S27	8	S23 and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 21:14

S28	14295	(subcarrier sub-carrier (sub adj carrier)) near6 modulat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 21:42
S29	11733	(S23 and S28) not S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 21:42
S30	5	(S26 and S28) not S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 21:51
S31	4	S28.clm. and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/20 22:17
S32	522	375/286.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 07:18
S33	522	S32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 07:18
S34	19	(subcarrier sub-carrier (sub adj carrier)) AND S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 07:19
S35	5162	(subcarrier sub-carrier (sub adj carrier)) NEAR6 (AMPLITUDE LEVEL)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 12:08
S36	74	(subcarrier sub-carrier (sub adj carrier)) NEAR6 ((PLURALITY SEVERAL MULTI) NEAR (AMPLITUDE LEVEL))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 12:09
S37	0	((subcarrier sub-carrier (sub adj carrier)) same ((PLURALITY SEVERAL MULTI) NEAR (AMPLITUDE adj LEVEL))) not S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:40
S38	252	(subcarrier sub-carrier (sub adj carrier)) same (((PLURALITY SEVERAL MULTI) NEAR (AMPLITUDE LEVEL)) multilevel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:42
S39	54	S38.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:42
S40	22	S39 not S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 13:42
S41	12952	(subcarrier sub-carrier (sub adj carrier)) near4 modulat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 14:04

S42	183	S41 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 14:04
S43	29	(satellites and S42) not S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 14:05
S44	5	("3388330"   "3492578" "Re30182").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/21 14:34
S45	5	("3388330"   "3492578" "Re30182").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/21 14:34
S46	117	S42 NOT (S43 S39)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 16:05
S47	70	S38 NOT (S46 S39 S36)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 17:12
S48	4771	QAM NEAR6 CONSTELLATION	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 18:00
S49	123	(subcarrier sub-carrier (sub adj carrier)) NEAR5 S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 18:01
S50	96	(subcarrier sub-carrier (sub adj carrier)) NEAR3 S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 18:02
S51	13779	(subcarrier sub-carrier (sub adj carrier)) NEAR5 MODULAT\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 18:33
S52	174	S48 SAME S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 18:33
S53	66	S48 NEAR7 S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 18:33
S54	18	S53 NOT S50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 18:33
S55	982	LEVEL NEAR2 QAM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 18:40
S56	228	S55 SAME CONSTELLATION	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 18:41
S57	47	S55.CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 18:41
S58	12	(subcarrier sub-carrier (sub adj carrier)) NEAR5 S55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 18:59

S59	962	(subcarrier sub-carrier (sub adj carrier)) NEAR6 QAM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 19:03
S60	53	S59.CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 19:03
S61	627	((subcarrier sub-carrier (sub adj carrier)) NEAR3 MODULAT\$6) NEAR6 QAM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 19:12
S62	405	((subcarrier sub-carrier (sub adj carrier)) NEAR3 MODULAT\$6) NEAR3 QAM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 19:12
S63	191	(AMPLITUDE LEVEL) SAME S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 19:13
S64	176	S63 NOT S60	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 19:13
S65	174	S64 NOT S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/07/21 19:13
S66	0	"ONLY COHERENT MODULATION"	EPO	OR	ON	2010/07/21 19:28
S67	1	" EP 1021019"	EPO	OR	ON	2010/07/21 19:29
S68	0	("20030086514"   "6633545"   "6981186"   "7224672"   "7613236"). PN.	EPO	OR	ON	2010/07/21 20:07
S69	5	("20030086514"   "6633545"   "6981186"   "7224672"   "7613236"). PN.	US-PGPUB; USPAT; EPO	OR	ON	2010/07/21 20:08

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